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"जानने का अधिकार, जीने का अधिकार"
Mazdoor Kisan Shakti Sangathan
"The Right to Information, The Right to Live"

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"Step Out From the Old to the New"

IS 7791 (1975): Projector alignment test film for 35 mm motion-picture sound reproducers [MED 32: Photographic Equipment]

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Satyanarayan Gangaram Pitroda
"Invent a New India Using Knowledge"

"ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है"
Bhartṛhari—Nītiśatakam
"Knowledge is such a treasure which cannot be stolen"

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Indian Standard

SPECIFICATION FOR
PROJECTOR ALIGNMENT TEST FILM FOR 35 mm
MOTION PICTURE SOUND REPRODUCERS

1. Scope — Covers requirements of projector alignment test film for 35 mm motion picture sound reproducers.
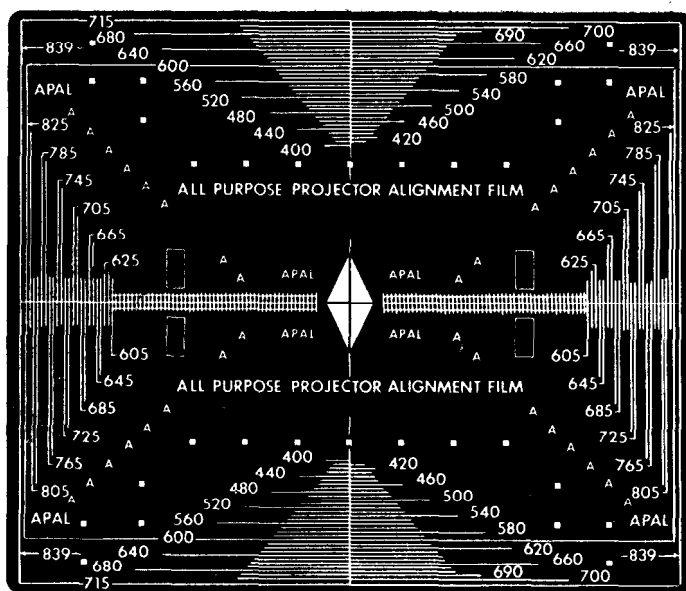
2. Description — This film is intended to provide in a single test film of high accuracy several quantitative visual tests that have always been difficult to perform. They are as follows:

    a) Aperture measurement,
    b) Height steadiness,
    c) Side weave,
    d) Travel-ghost,
    e) Focus,
    f) Buckling, and
    g) Squeeze ratio.

3. Requirements

3.1 The test film shall be a positive print from an original negative having a black background with all copy white or transparent. The film stock used shall have high resolution and shall be accurately perforated on both edges, one frame interval at a time so that the steadiness of each frame will be in respect to its perforation.

3.2 The dimensions should be obtained from the following figure:

3.3 The target given in **3.2** is designed with a vertical centre line 18·75 mm from the guided edge for both anamorphic and wide screen apertures. The maximum outside lines represent an aperture of 21·31 mm (indicated as 839) by 18·16 mm (indicated as 715). The dimensions of the aperture of 20·96 mm (indicated as 825) by 18·16 mm (indicated as 715) are within this field. Sufficient vernier scale lines (in a tapered arrangement) are provided on side, top and bottom along the respective centre lines. The side vernier scale lines are 0·025 mm. The top and bottom are 0·05 mm and spaced 0·25 mm. Horizontal and vertical scale lines appear on the screen to be of equal thickness, when projected to an anamorphic ratio of 2 to 1.

3.4 The film stock used shall be cut and perforated in accordance with IS : 6085-1971 'Dimension for 35 mm motion picture film'.

3.5 The film stock used shall not have a shrinkage of more than 0·5 percent.

Adopted 17 September 1975	© December 1975, ISI	Price Rs 5·00 **Gr**

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